

Web Application Developer

Position Summary: Responsible for creating and maintaining high quality, innovative solutions that support library websites, applications, databases and the content management system under the general supervision of the Head of Branch and IT Services. Responsibilities include hands-on coding, systems analysis, and design.

Duties and Responsibilities

1. Maintains and supports the library websites to include public website, intranet and SharePoint sites. Develops and implements web forms, web applications, web parts and user interfaces.
2. Monitors web and database performance and event logs and identifies potential problems and risks using proactive prevention methods in order to maintain maximum performance and uptime.
3. Designs, manages and maintains Access, SQL and SharePoint databases including upgrades, backup and recovery and data migration. Maintains synchronization of development, staging and production environments.
4. Customizes and manages third party software and cloud-based applications to include digital signage, library calendar and room reservation systems; consults with software engineers, support technicians and consultants to create customizations and troubleshoot functional issues.
5. Collaborates with Web Coordinator, Marketing & Communications Manager, IT staff and other library work groups to develop and improve the appearance and functionality of library's digital resources and services to include calendar feeds, summer reading games, Local Organization Directory, digital sign feeds and website widgets.
6. Identifies ways to automate solutions, improve work processes and pursue continuous improvement.
7. Develops and maintains data collection, analysis and reporting structures that support library operations as requested.
8. Provides onsite technical support to ensure a stable and reliable performance and uptime of library digital resources. Diagnoses, resolves and reports incidences and work orders entered in helpdesk application. Provides after-hours and weekend technical support as needed.
9. Develops and presents group and individual staff training upon request. Collaborates intra- and inter-departmentally in the development of programming for digital lab and other digital initiatives as assigned.
10. Supervises Web Systems intern; engages in selecting, scheduling, delegating, training and coaching; evaluates intern and works to motivate and enhance work performance.
11. Performs other related duties and special projects as assigned.

Minimum Qualifications

- Bachelor's degree in CSC, CIS or related field or work equivalency.
- Two years of website and application design/development experience.

Essential Professional Competencies

- Maintains general knowledge of current library processes and procedures.
- Demonstrates ability to code web pages to match visual design specifications that render correctly in all major browsers and platforms.
- Demonstrates familiarity with PHP, ASP.NET, Ruby on Rails programming languages; Drupal and WordPress content management systems.
- Demonstrates proficiency with Windows server & ASP.NET environments
- Demonstrates proficiency with Windows and Web application development, Object Oriented Programming and Responsive Web Design.
- Possesses working knowledge of system analysis and design best practices including System Development Life Cycle.
- Demonstrates proficiency with web development and management tools, programming languages and techniques to include:
 - Visual Studio
 - Dreamweaver
 - Internet Information Services
 - SharePoint 2010 & 2013, SharePoint Designer
 - InfoPath

- Programming languages: VB.net, C#, VBA, XML, HTML 4, HTML 5, CSS3, JavaScript, JQuery, Ajax
- Demonstrate proficiency with relational database structures and data normalization and database management and administration software to include:
 - SQL 2008 & 2014
 - Access
- Demonstrates familiarity with Adobe Creative Cloud products.
- Demonstrates working knowledge of Apple iOS and OS.
- Demonstrates understanding of code versioning tools such as experience with Git and Gulp.
- Demonstrates a solid understanding of how web applications work including security, session management and best development practices.
- Demonstrates working knowledge of photo and movie editing and digitization software.
- Demonstrates ability to comprehend technical specs, ask appropriate technical questions, and raise concerns as necessary.

Salary \$52,180 - \$70,180 annually. Comprehensive benefits package includes health insurance with employee contribution; fully paid dental, vision, LTD and life insurance; fully paid retirement; vacation, sick leave, and holidays.

Position Type Full-time/Regular

Application with cover letter and resume are required for consideration. Please see our website www.kpl.gov/jobs/ to apply.

Deadline for applications is Monday, June 20, 2016.